[LASSO] Multivariate Linear Model of the Stably−selected Features against LTL

Group	Variable	Level	Coefficient (95% CI)		P−value
Baseline Characteristics	Body mass index BMI		−0.031 [−0.041 , −0.022]		9.61x10^−11
	Age at recruitment		−0.101 [−0.104 , −0.098]		0.00x10^+00
	Sex	Female	0.021 [0.019 , 0.022]		7.92x10^−146
Education	Age completed full time education	[15, 20)	−0.005 [−0.007 , −0.004]		5.10x10^−12
	Qualifications	A levels/AS levels or equivalent	0.004 [0.002 , 0.006]		3.90x10^−04
Lifestyle	Time spent watching television TV		−0.021 [−0.032 , −0.01]		2.27x10^−04
	Pub or social club	Yes	−0.002 [−0.004 , 0]		2.31x10^−02
	Religious group	Yes	0.003 [0.001 , 0.005]		2.53x10^−03
	Walk excluding work	Yes	0.001 [−0.001 , 0.002]		2.34x10^−01
Ethnicity	Ethnic background	African	0.051 [0.042 , 0.06]		1.44x10^−28
		Any other white background	0.015 [0.012 , 0.019]		5.19x10^−15
		Caribbean	0.05 [0.043 , 0.058]		4.28x10^−38
		Chinese	0.051 [0.038 , 0.063]		2.34x10^−15
		Irish	0.004 [0 , 0.009]		4.73x10^−02
		Other ethnic group	0.022 [0.015 , 0.03]		6.42x10^−09
Mental Health	Serious illness injury or assault to yourself	Yes	−0.001 [−0.004 , 0.001]		2.47x10^−01
Physical Activity	Usual walking pace	Brisk pace	0.003 [0.001 , 0.004]		8.66x10^−05
	Duration walking for pleasure	Unknown	−0.001 [−0.007 , 0.004]		6.09x10^−01
	Duration of light DIY	Between 15 and 30 minutes	0.002 [0 , 0.004]		4.00x10^−02
	Heavy DIY eg weeding lawn mowing carpentry digging	Yes	0.003 [0.001 , 0.004]		5.69x10^−04
Smoking	Current tobacco smoking	Yes, on most or all days	−0.01 [−0.012 , −0.007]		1.95x10^−13
Diet	Fresh fruit intake		0.045 [0.023 , 0.067]		6.31x10^−05
	Cheese intake	5–6 times a week	0.003 [0.001 , 0.006]		3.93x10^−03
	Bread intake	[10, 15)	−0.001 [−0.003 , 0]		5.70x10^−02
	Bread type	White	−0.002 [−0.004 , −0.001]		6.10x10^−03
	Cereal type	Muesli	0.002 [0 , 0.004]		7.57x10^−02
	Salt added to food	Usually	−0.002 [−0.004 , 0]		9.13x10^−02
	Coffee type	Ground coffee (include espresso, filter etc)	0.003 [0.001 , 0.005]		2.81x10^−03
	Major dietary changes in the last 5 years	Yes, because of illness	−0.004 [−0.006 , −0.001]		1.26x10^−03
Alcohol	Average weekly beer plus cider intake		−0.062 [−0.097 , −0.028]		4.18x10^−04
	Average weekly spirits intake		−0.088 [−0.125 , −0.05]		4.42x10^−06
	Alcohol usually taken with meals	Yes	0.002 [0.001 , 0.004]		8.11x10^−03
Sun Exposure	Ease of skin tanning	Get very tanned	−0.002 [−0.004 , 0]		3.37x10^−02
	Facial ageing	Younger than you are	0.003 [0.001 , 0.004]		1.12x10^−04
	Use of sun uv protection	Sometimes	0.002 [0 , 0.003]		1.36x10^−02
Early life	Country of birth UK elsewhere	Scotland	0.006 [0.003 , 0.008]		1.31x10^−05
		Wales	−0.004 [−0.007 , −0.001]		1.77x10^−02
	Hair colour natural before greying	Black	0.005 [0.002 , 0.007]		1.04x10^−03
	Maternal smoking around birth	Yes	−0.004 [−0.006 , −0.003]		2.55x10^−08

−0.125   0 0.05
Coefficient